CLAIMS

1. A facsimile device adapted to receive data via a LAN, comprising:

a facsimile unit including a printer unit, scanner unit and interface with a public switching telephone network;

a CPU incorporated in the facsimile unit;

a LAN interface provided in association with said CPU for establishing communication with another terminal via a LAN;

data memory storing at least one mail address for rerouting received data; and

image memory for storing received data;

said CPU being adapted to reroute the received data to said other terminal connected to said LAN under a certain condition of said facsimile device.

2. A facsimile device according to claim 1, wherein the received data comprises G3 facsimile data received via a public switching telephone network.

3. A facsimile device according to claim 1, wherein the received data comprises facsimile data based on a prescribed protocol and received via the LAN.

4. A facsimile device according to claim 1, wherein the received data comprises email data based on a prescribed protocol and received via the LAN.

5. A facsimile device according to claim 1, wherein the received data

comprises data which is stored in said image memory and is not yet printed.

6. A facsimile device according to claim 1, wherein said certain condition of said facsimile device consists of a failure of said printer unit or running out of printing paper.

7. A facsimile device according to claim 5, wherein said certain condition of said facsimile device consists of experiencing an unchanged state of said image memory for more than a prescribed time period.

8. A facsimile device according to claim 1, wherein said certain condition of said facsimile device consists of experiencing a memory-full state of said image memory for more than a prescribed time period.

9. A facsimile device according to claim 1, wherein said certain condition of said facsimile device consists of detecting said received data to be based on a format which said facsimile device is unable to handle.

10. A facsimile device according to claim 1, wherein said other terminal connected to said LAN comprises a member selected from a group consisting of a personal computer, a server and another facsimile device adapted to receive data via a LAN.

11. A method for receiving facsimile data in a facsimile device adapted to receive data via a LAN, said facsimile device comprising a facsimile unit

including a printer unit, scanner unit and interface with a public switching telephone network, a CPU incorporated in the facsimile unit, a LAN interface provided in association with said CPU for establishing communication with another terminal via a LAN, data memory storing at least one mail address for rerouting received data; and image memory for storing received data, comprising the steps of:

determining if a certain condition of said facsimile device exists or not; and

upon determining the existence of said certain condition of said facsimile device, rerouting the received data to said other terminal connected to said LAN.

12. A method for receiving facsimile data in a facsimile device according to claim 11, wherein the facsimile device further comprises buffer memory, and the rerouting step comprises the sub steps of:

storing the received data in said buffer memory for each page thereof;

if said certain condition of said facsimile device does not exist, transferring the image data stored in said buffer memory to said image memory page by page; and

if said certain condition of said facsimile device exists, converting the image data stored in the buffer memory into mail data and transferring the mail data to said other terminal connected to said LAN page by page.

13. A method for receiving facsimile data in a facsimile device according to claim 11, wherein said certain condition of said facsimile device consists of a failure of said printer unit or running out of printing paper.

14. A method for receiving facsimile data in a facsimile device according to claim 11, wherein said certain condition of said facsimile device consists of experiencing an unchanged state of said image memory for more than a prescribed time period.

15. A method for receiving facsimile data in a facsimile device according to claim 11, wherein said certain condition of said facsimile device consists of experiencing a memory-full state of said image memory for more than a prescribed time period.

16. A method for receiving facsimile data in a facsimile device according to claim 11, wherein said certain condition of said facsimile device consists of detecting said received data to be based on a format which said facsimile device is unable to handle.

17. A method for receiving facsimile data in a facsimile device according to claim 11, wherein said other terminal connected to said LAN comprises a member selected from a group consisting of a personal computer, a server and another facsimile device adapted to receive data via a LAN.

18. An internet facsimile device, comprising:

image memory for storing image data received by a facsimile reception or a mail reception;

a control unit including means for detecting a memory full state of said

buffer memory;

said control unit being adapted to transfer data stored in said image memory to a server when said image memory is detected to be full.

19. An internet facsimile device, comprising:

buffer memory for storing image data received by a facsimile reception or a mail reception via SMTP protocol page by page;

image memory for storing the image data transferred from said buffer memory; and

a control unit for storing the received image data in said buffer memory, converting the image data into mail data, and transferring the converted mail data to another terminal connected to said internet facsimile via a LAN, page by page, when said image memory is detected to be full.